

**Applicant:** Mario Meggiolan  
**Application No.:** 10/615,000

**ABSTRACT**

A one-piece wheel hub of a bicycle wheel made from layered structural fiber based material, preferably carbon fiber material. The wheel hub is preferably formed by applying layers of the fiber based material to an expandable core to form a tubular body. The tubular body may be cured, during which time the core expands, by applying radial pressure to the tubular body.